

PATENT CLAIMS

1. A crawler-tracked vehicle with variable track width, in particular a construction vehicle (1) with at least one tool (3) and/or a vehicle for agricultural purposes, in each case with at least one vehicle motor (4) and an overvehicle (5) having further components and with an undervehicle (6) which comprises a vehicle frame (7), on which is provided on each of the two sides a chassis (8, 9) with a chassis carrier (10, 11) in each case for at least one driving wheel (12, 13) and one deflecting wheel (14) and for supporting wheels (15) for crawler tracks (16, 17), the distance of the crawler tracks (16, 17) from the vehicle frame (7) being variable, wherein at least one of the two chassis carriers (10, 11) can be fastened releasably to the vehicle frame (7) at a different distance transversely to the undervehicle (6) with the aid of carrying means (24, 25) arranged laterally at the front and rear and with the aid of receiving and supporting means (26, 27) and with the aid of holding and releasing means (28).

2. The crawler-tracked vehicle as claimed in claim 1, wherein the carrying means (24, 25), on the one hand, and the receiving and supporting means (26, 27), on the other hand, are arranged on the chassis carrier (10, 11) and/or on the vehicle frame (7).

3. The crawler-tracked vehicle as claimed in claim 1, wherein a freely projecting carrying arm (24', 25') is provided as carrying means (24, 25).

4. The crawler-tracked vehicle as claimed in claim 3, wherein the carrying arm (24') is at least partially U-shaped in cross section.

5. The crawler-tracked vehicle as claimed in claim 3, wherein the carrying arm (25') is at least partially L-shaped in cross section.

6. The crawler-tracked vehicle as claimed in claim 1, wherein the receiving and supporting means (26, 27) are in each case receiving parts (26', 26'', 27', 27'') of U-shape and/or L-shaped cross section.
7. The crawler-tracked vehicle as claimed in claim 4, wherein the carrying arms (24') of U-shaped cross section are arranged, with the cross section open downward, on the vehicle frame (7) and/or on the chassis carrier (10, 11).
8. The crawler-tracked vehicle as claimed in claim 5, wherein the receiving and supporting means (26, 27) are arranged, with the cross section open downward, on the vehicle frame (7) and/or on the chassis carrier (10, 11).
9. The crawler-tracked vehicle as claimed in claim 2, wherein the receiving and supporting means (26, 27) are arranged so as to project freely laterally beyond side walls (18, 19) of the vehicle frame (7).
10. The crawler-tracked vehicle as claimed in claim 9, wherein the receiving parts (26', 26'', 27', 27'') projecting freely as receiving and supporting means (26, 27) laterally on the vehicle frame (7) are profile parts (34, 35) extending in one piece through the interior (33) of the vehicle frame (7).
11. The crawler-tracked vehicle as claimed in claim 10, wherein at least one profile part (35) has a passage orifice (39) directed into the interior (33) of the vehicle frame (7).
12. The crawler-tracked vehicle as claimed in claim 1, wherein a drive (30, 31) for each crawler track (16, 17) is arranged directly on the respective chassis carrier (10, 11).

13. The crawler-tracked vehicle as claimed in claim 1, wherein at least one receiving and supporting means (27) arranged on the vehicle frame (7) is angular in cross section, one leg (40') of the receiving and supporting means (27) standing vertically, and the other leg (40'') extending from the upper end (40''') of the first leg (40') horizontally in the direction toward the rear end (40) of the vehicle frame (7).
14. The crawler-tracked vehicle as claimed in claim 1, wherein a carrying arm of round cross section, in the form of an axle (42a), and also at least one releasable spacer bush (45a) near one end of the vehicle frame (7a) and at least one spring device (41a) and a releasable spacer piece (67a) near the other end of the vehicle frame (7a), in each case together with holding and releasing means, are provided on each vehicle side as carrying means (24a) and as receiving and supporting means (26a).
15. The crawler-tracked vehicle as claimed in claim 14, wherein, for varying the track width, the spacer bush (45a) can be changed over freely on the axle (42a) from a position axially on the inside into a position axially on the outside.
16. The crawler-tracked vehicle as claimed in claim 14, wherein the spacer sleeve (42a) consists of half shells (46a, 47a).
17. The crawler-tracked vehicle as claimed in claim 1, wherein the chassis carrier (10a, 11a) has indirectly or directly a bore (43a) for receiving an axle (42a), serving at the same time as a carrying arm and as a pivot axle, and also fastening means.
18. The crawler-tracked vehicle as claimed in claim 14, wherein the spring device (41a) comprises at

least one spring (56a, 57a) and, on the chassis side, a bracket (54a) and, on the frame side, a carrying and guiding bracket (58a) and can be fastened with the aid of the latter to the vehicle frame (7a) and to the chassis carriers (10a, 11a) or with the additional use
5 of at least one spacer piece (67a).

19. The crawler-tracked vehicle as claimed in claim 14, wherein, in the case of the small track
10 width, the spacer sleeve (45a) is arranged on the axle (42a) axially on the outside at the free end (86a) of the latter.

20. The crawler-tracked vehicle as claimed in claim 19, wherein the spacer bush (45a) is arranged at
15 least partially in the interior of a bore (43a) which receives the axle (42a) and which is located directly or indirectly in the chassis carrier (10a, 11a).

20 21. The crawler-tracked vehicle as claimed in claim 14, wherein, in the case of the large track width, the spacer sleeve (45a) is located on the frame side on the axle (45a) between an annular shoulder (87a) serving as an axle stop and the chassis carrier
25 (10a, 11a).

22. The crawler-tracked vehicle as claimed in claim 21, wherein, in the case of the large track width, the spacer sleeve (45a) is arranged on the axle
30 (42a) on the frame side and partially in the bore (43a), receiving the axle (42a), in the chassis carrier (10a, 11a).